



1<sup>ST</sup> SEM. 2016/17

PAGE 1 OF 3

**UNIVERSITY OF SWAZILAND**  
**FINAL EXAMINATION PAPER**

**PROGRAMME** : **BACHELOR OF SCIENCE IN  
TEXTILES, APPAREL DESIGN & MANAGEMENT  
YEAR III**

**COURSE CODE** : **TADM 301**

**TITLE OF PAPER** : **PATTERN TECHNOLOGY**

**TIME ALLOWED** : **TWO (2) HOURS**

**INSTRUCTIONS** : **ANSWER QUESTION ONE (1)  
AND ANY OTHER TWO (2)  
QUESTIONS**

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GRANTED BY THE CHIEF INVIGILATOR**

265

**QUESTION 1 (COMPULSORY)**

- (a) Create a storage area with your identity number, if not created before. (2 Marks)
  - (b) Select a jacket back piece from Data90 and create a whole back piece with a slash line of 15 cm at CB. (15 Marks)
  - (c) Verify measurements of the back jacket piece for shoulder line, neckline, back side seam and armhole. Record the measurements on the answer booklet. (8 Marks)
  - (d) In making a Peter Pan collar, which piece is the target piece and which one is the set piece? (4 Marks)
  - (e) When joining two pieces/patterns together, should you be on cursor or value mode? (2 Marks)
  - (f) When introducing flare on a pattern piece, what happens when the dialog box is on cursor mode and when on value mode? (4 Marks)
  - (g) On the back jacket pattern, add seam allowances of 1.5 cm around the pattern. Save pieces. (5 Marks)
- [TOTAL MARKS = 40]

**QUESTION 2**

- (a) Create a storage area with your identity number, if not created before. (2 Marks)
- (b) Select a sleeve pattern block from Data90 and create a leg of mutton that involves flaring the sleeve unevenly on the side. (15 Marks)
- (c) Add a hem of 3.0 cm and save the new piece. (3 + 2 = 5 Marks)
- (d) Mark a line 5cm below the elbow. (3 Marks)
- (e) Separate the top part of sleeve from the lower portion of the sleeve and add a seam allowance of 1.5 cm along the split line, and save piece. (5 Marks)

[TOTAL MARKS = 30]

**QUESTION 3**

- (a) Create a storage area with your identity number, if not created before. (2 Marks)
- (b) Select pattern pieces of the man's trouser from Data90, create a model and save it in your folder, using 5 pieces for each pattern piece. (20 Marks)
- (c) State the fabric utilization percentage. (4Marks)
- (d) How many sizes have you accommodated in your model? Name the sizes. (4 Marks)

[TOTAL MARKS = 30]



**QUESTION 4**

- (a) Create a storage area with your identity number, if not created before. (2 Marks)
- (b) Create a peter-pan collar. (15 Marks)
- (c) Change the hem lines of the joined front and back bodices used in making the collar to straight lines. (10 Marks)
- (d) Label and save the pieces. (3 Marks)

**[TOTAL MARKS = 30]**